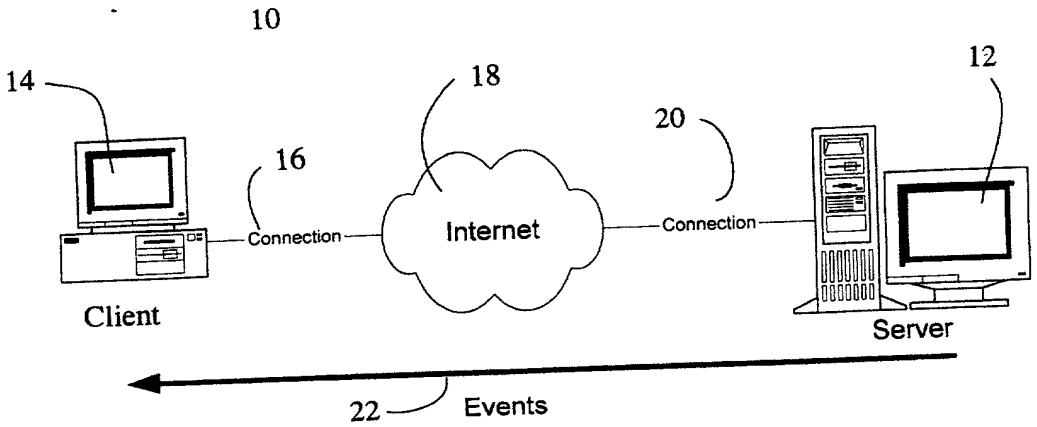

10
14
18
12
20
16
Internet
Connection
Connection
Client
Server
22
Events

FIG. 1

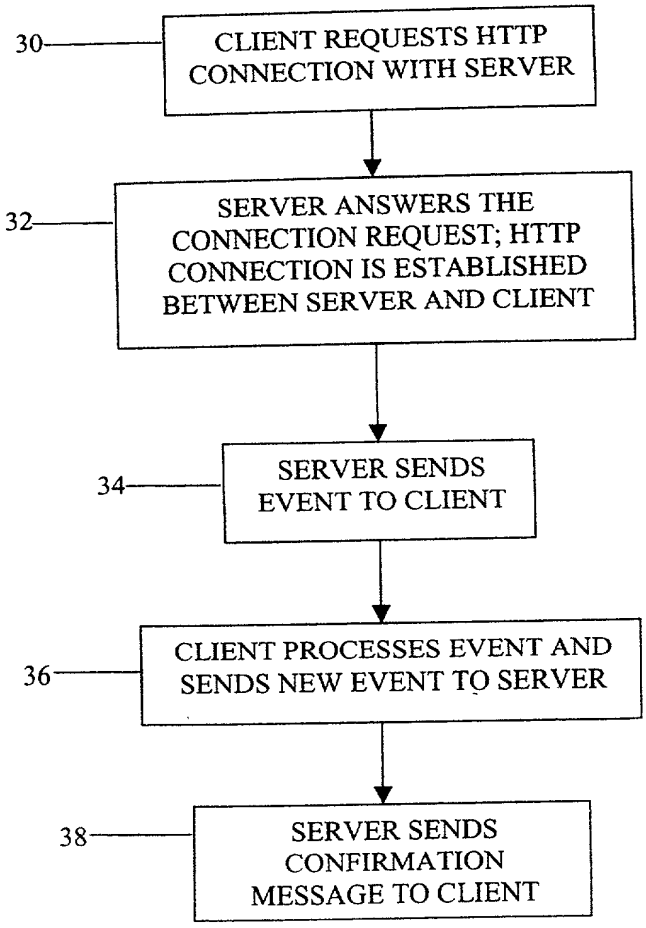

30
CLIENT REQUESTS HTTP CONNECTION WITH SERVER
32
SERVER ANSWERS THE CONNECTION REQUEST; HTTP CONNECTION IS ESTABLISHED BETWEEN SERVER AND CLIENT
34
SERVER SENDS EVENT TO CLIENT
36
CLIENT PROCESSES EVENT AND SENDS NEW EVENT TO SERVER
38
SERVER SENDS CONFIRMATION MESSAGE TO CLIENT

FIG. 2

Patent Application

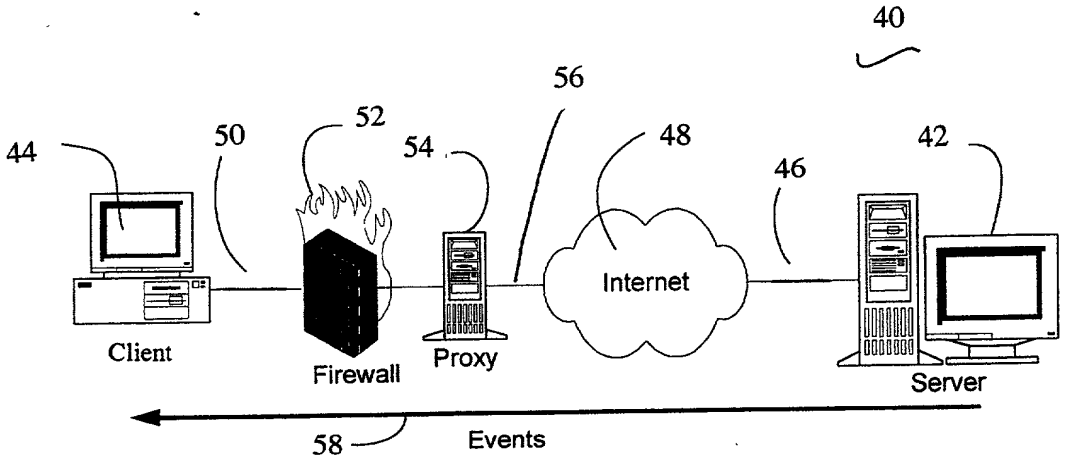


FIG. 3

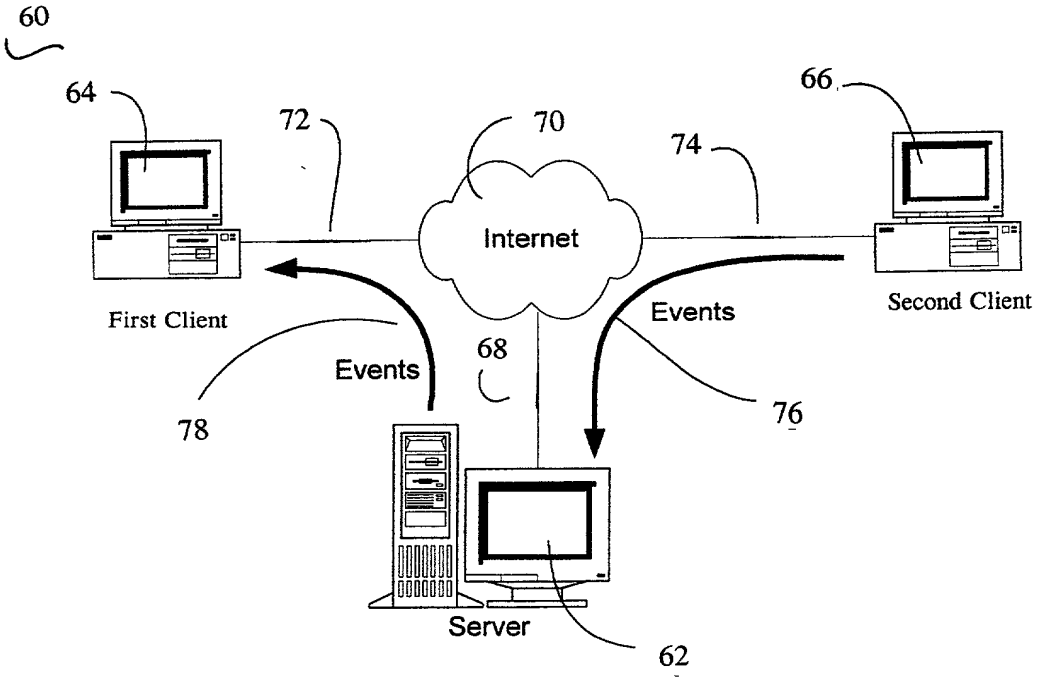


FIG. 4

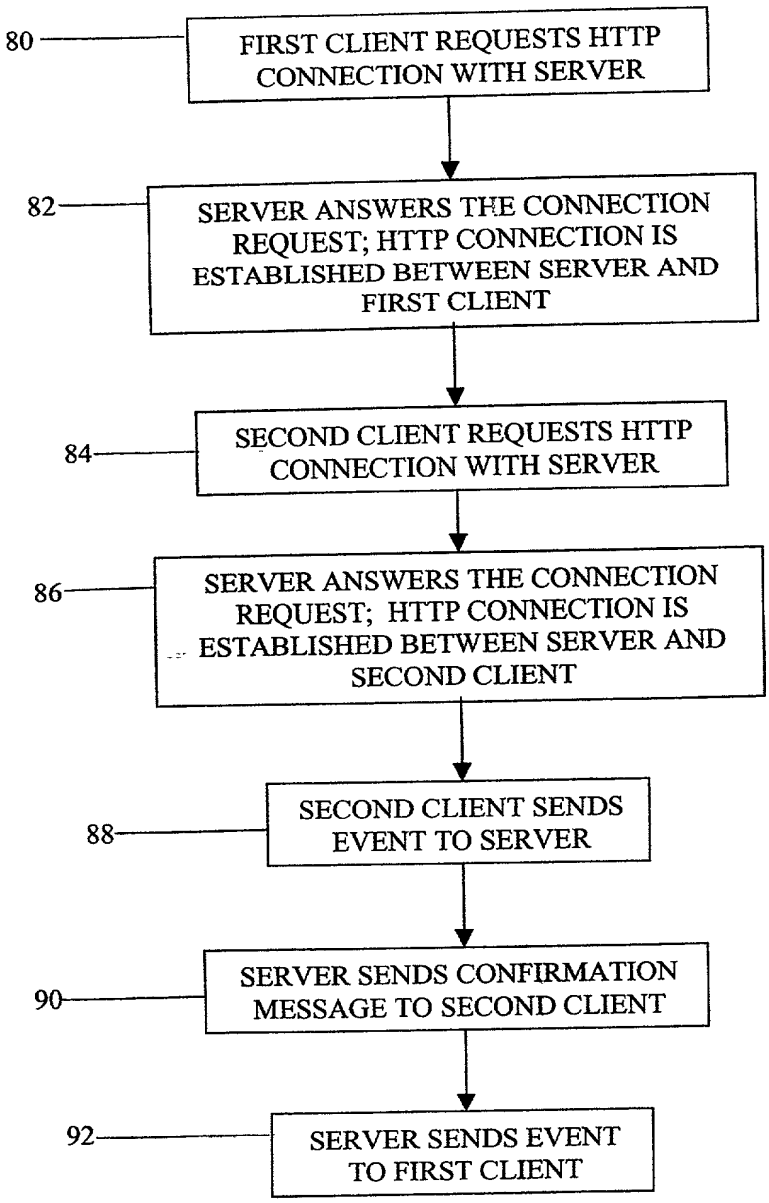

80
FIRST CLIENT REQUESTS HTTP CONNECTION WITH SERVER
82
SERVER ANSWERS THE CONNECTION REQUEST; HTTP CONNECTION IS ESTABLISHED BETWEEN SERVER AND FIRST CLIENT
84
SECOND CLIENT REQUESTS HTTP CONNECTION WITH SERVER
86
SERVER ANSWERS THE CONNECTION REQUEST; HTTP CONNECTION IS ESTABLISHED BETWEEN SERVER AND SECOND CLIENT
88
SECOND CLIENT SENDS EVENT TO SERVER
90
SERVER SENDS CONFIRMATION MESSAGE TO SECOND CLIENT
92
SERVER SENDS EVENT TO FIRST CLIENT

FIG. 5

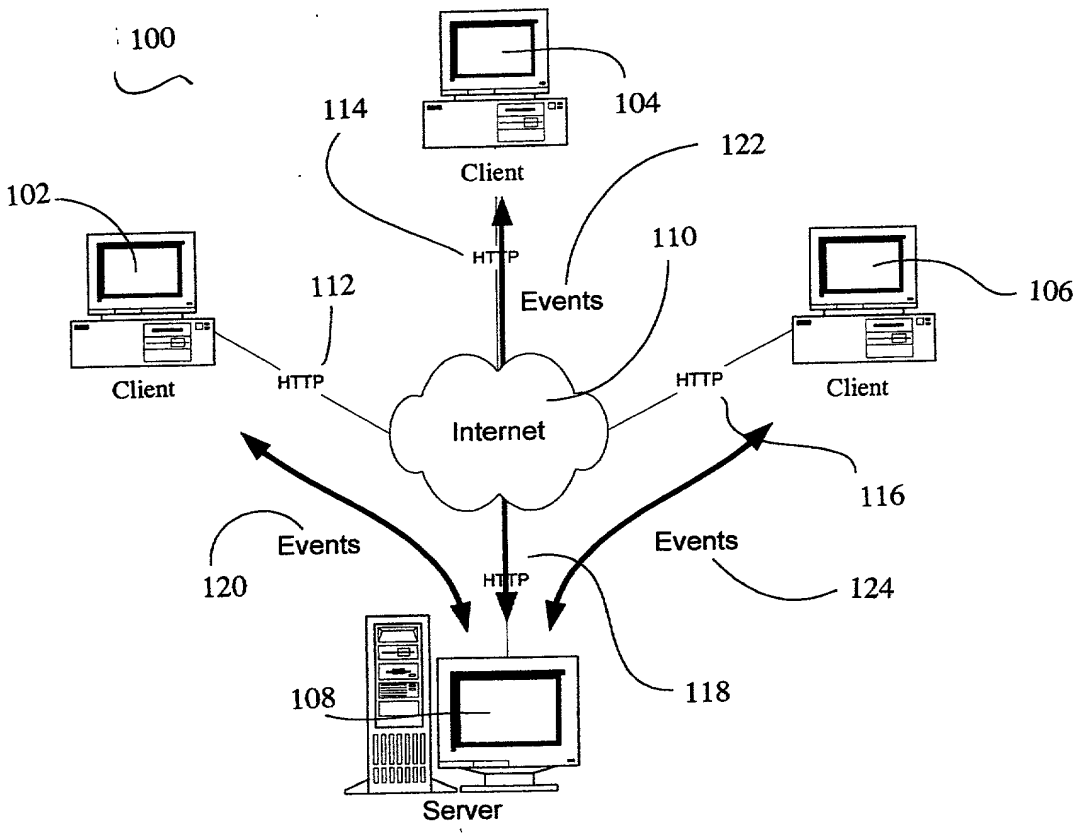

100
104
Client
114
122
102
HTTP
Events
110
112
106
Client
HTTP
HTTP
Client
Internet
116
Events
Events
120
124
HTTP
118
108
Server

FIG. 6

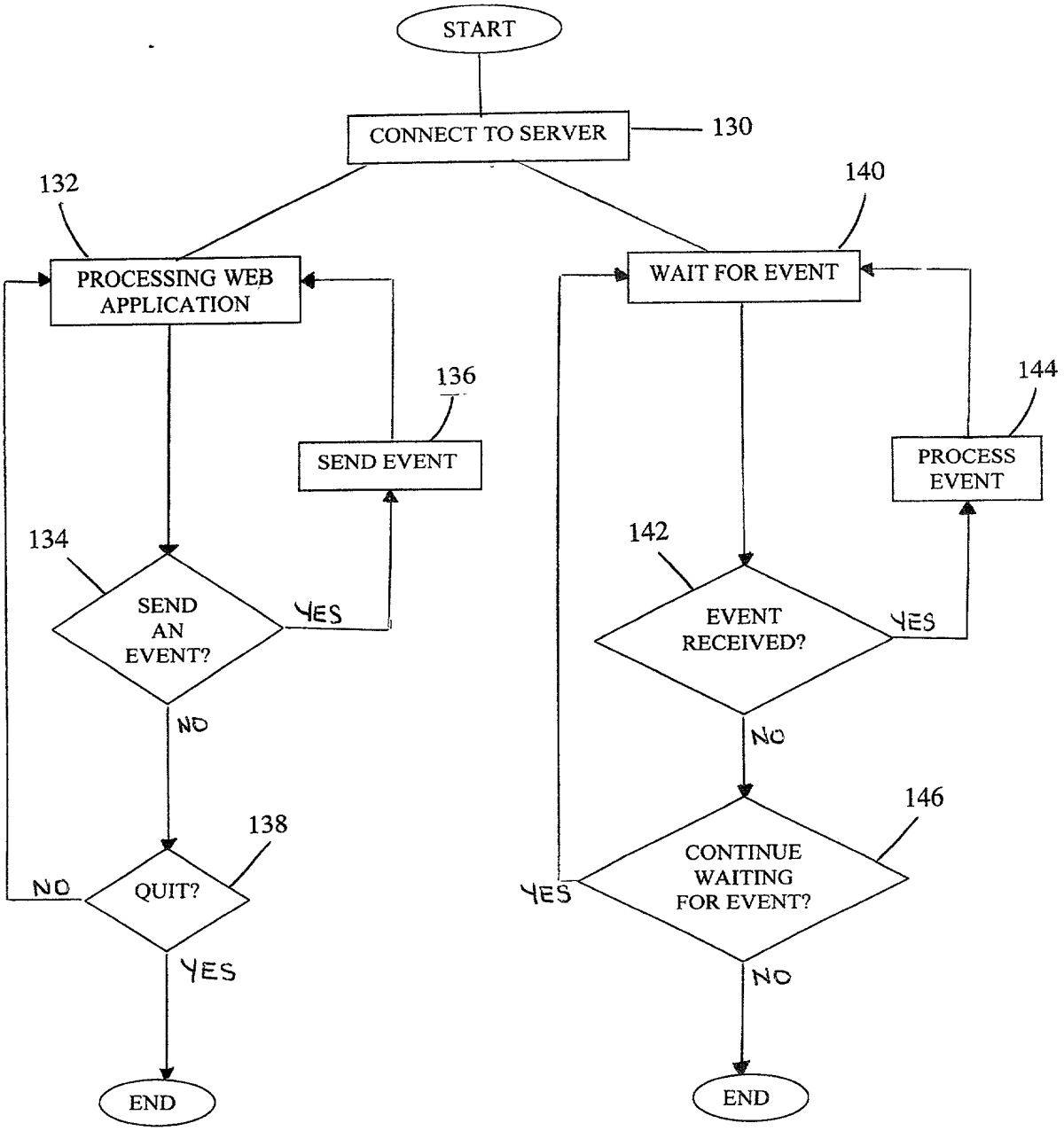

START
CONNECT TO SERVER
130
132
140
PROCESSING WEB APPLICATION
WAIT FOR EVENT
136
SEND EVENT
144
PROCESS EVENT
134
SEND AN EVENT?
YES
142
EVENT RECEIVED?
YES
NO
NO
138
146
QUIT?
CONTINUE WAITING FOR EVENT?
NO
YES
YES
NO
END
END

FIG. 7

Portal Software

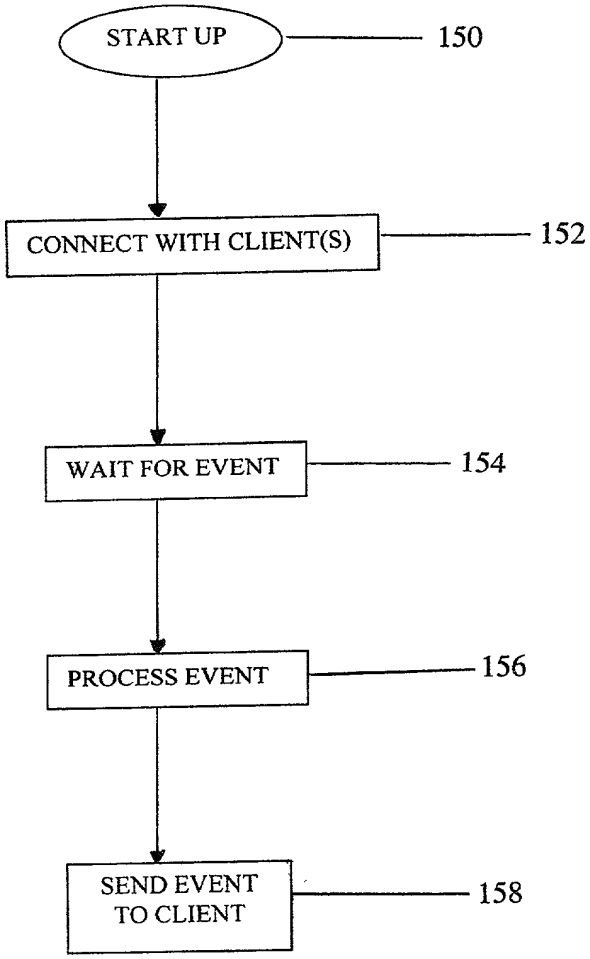


FIG. 8

Attorney Docket No. 2000-0038

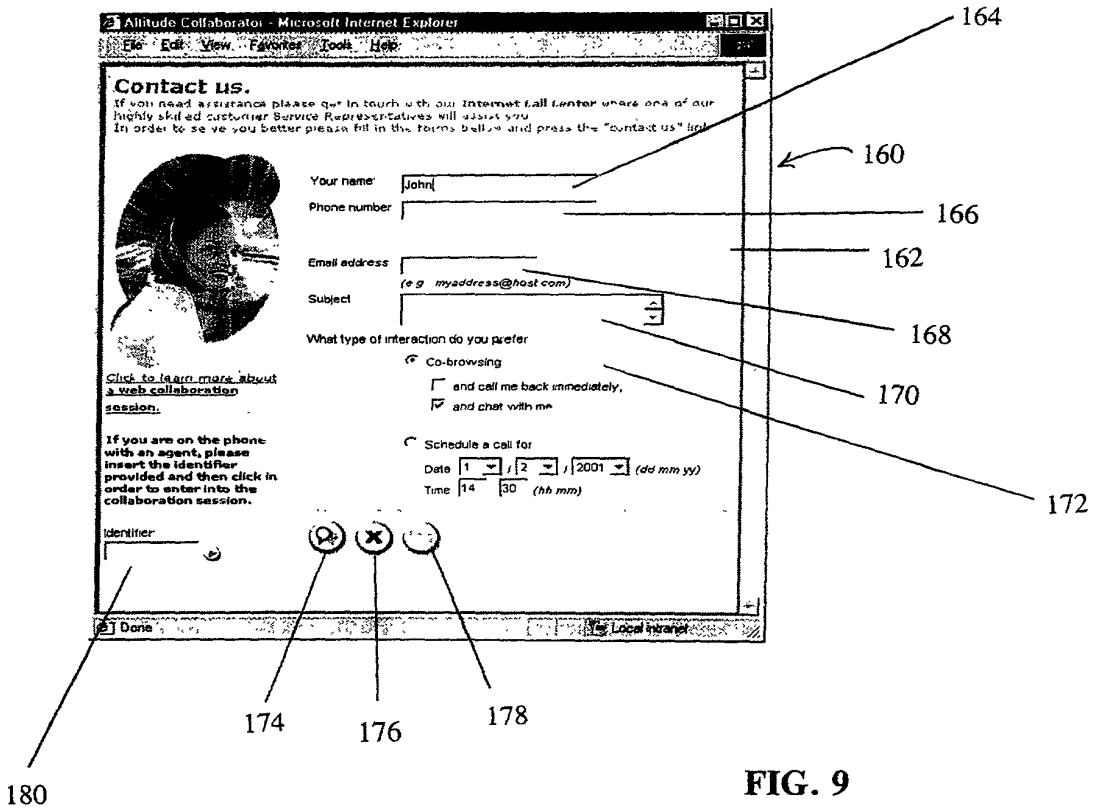


FIG. 9

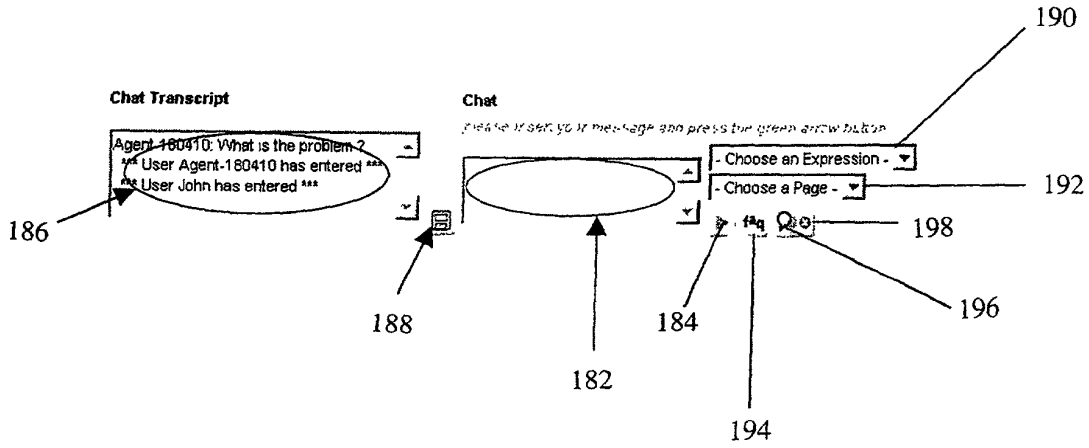


FIG. 10

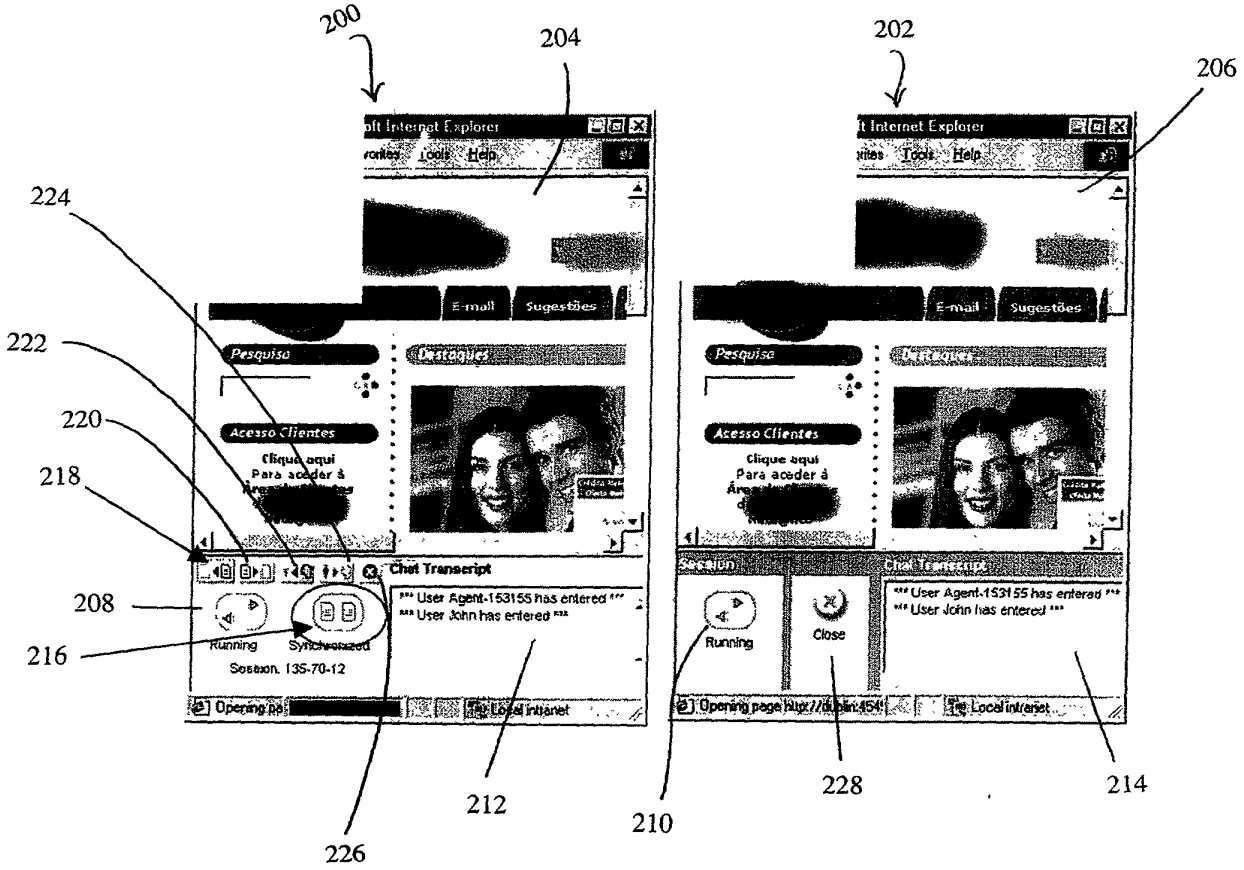

200
204
202
206
224
222
220
218
208
216
226
212
210
228
214
Pesquisa
Acesso Clientes
Clique aqui
Para aceder à
E-mail
Sugestões
Chat Transcript
*** User Agent-153155 has entered ***
*** User John has entered ***
Running
Synchronized
Session. 135-70-12
Close
Local intranet

FIG. 11